must be such that it is possible to *hold* the flaming gases in the chamber for a predetermined length of time, and that the walls
of the chamber will be heated *to the highest possible* temperature.

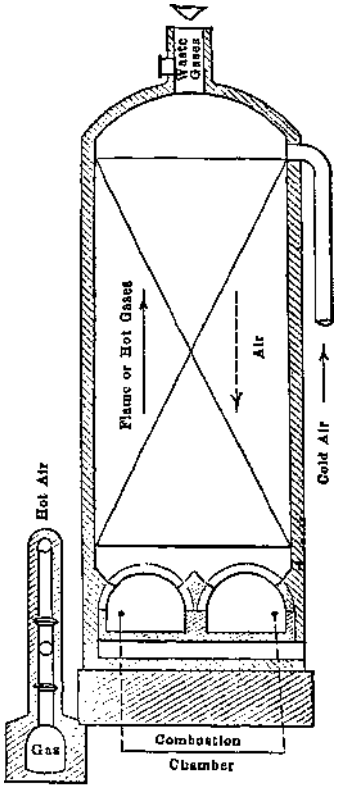
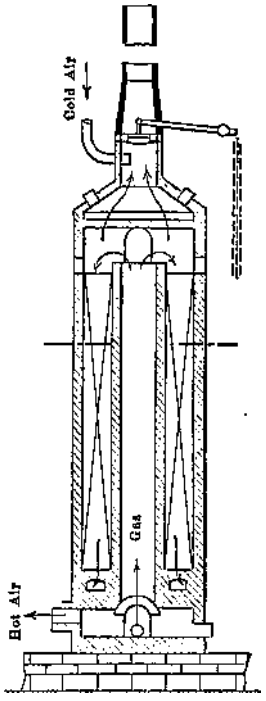


Fig. 69



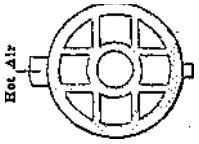


Fig. 08

Flow of Products of Combustion
Plow of the Air

How should the flame of reacting gases be brought into the
combustion chamber?

In the Cowper stove (Fig. 70) the combustion chamber forms a cylindrical or elliptical opening extending the full height of the